

Amendments to the Specification

Please replace paragraph [0025] with the following amended paragraph:

[0025] Figure 2 shows the resulting DNA sequence encoding GLP-1(7-36) polypeptide after ligation of fragments (1), SEQ ID NO: 19, (2), SEQ ID NO: 20, (3), SEQ ID NO: 21 and (4), SEQ ID NO: 22.

Please replace paragraph [0026] with the following amended paragraph:

[0026] Figure 3 shows the resulting DNA sequence encoding GLP-1(7-36) polypeptide after ligation of fragments (1'), SEQ ID NO: 23, (2'), SEQ ID NO: 24, (3'), SEQ ID NO: 25 and (4'), SEQ ID NO: 26.

Please replace paragraph [00129] with the following amended paragraph:

Dissolve 200 grams (wet weight) of the inclusion bodies resulted from Example 11 into 5 liters of 20mM NaHCO₃ solution with 4 gram of citraconic anhydride to conduct the acylation reaction at pH of 8.0 for 2 hours. The small molecules were removed with ultrafiltration (10,000 molecular weight cut-off "MWCO"). The trypsin was added at a ratio of 1000:1 (the protein in dry weight to the protease). The proteolytic reaction was conducted at 37°C and monitored with HPLC till completion of the cleavage of the inclusion bodies. GLP-1(7-36) was further purified with preparation-scale HPLC and lyophilized to yield the desired peptide with over 99% purity.